




ELECTRONIC INFORMATION DISCLOSURE STATEMENT

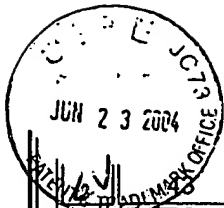
Electronic Version v18

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Title of Invention	AUTHORING SYSTEM FOR COMBINING TEMPORAL AND NONTEMPORAL DIGITAL MEDIA																																																														
<p>Application Number: 09/539749 </p> <p>Confirmation Number: 9372</p> <p>First Named Applicant: Peter Balkus</p> <p>Attorney Docket Number: A2000003</p> <p>Art Unit: 2178</p> <p>Examiner: Gregory J. Vaughn</p> <p>Search string: (4538188 or 4685003 or 4746994 or 5012334 or 5045940 or 5097351 or 5196933 or 5214528 or 5267351 or 5274758 or 5307456 or 5317732 or 5390138 or 5404316 or 5428731 or 5442744 or 5467288 or 5488433 or 5489947 or 5493568 or 5513306 or 5515490 or 5534942 or 5537141 or 5537157 or 5539869 or 5541662 or 5561457 or 5568275 or 5584006 or 5585858 or 5592602 or 5613057 or 5619636 or 5623308 or 5652714 or 5659790 or 5659792 or 5664216 or 5680619 or 5682326 or 5684963 or 5712953 or 5724605 or 5752029 or 5754851 or 5760767 or 5764275 or 5781435 or 5801685 or 5822019 or 5826102 or 5861881 or 5892507 or 5907366 or 5910825 or 5926613 or 5977962 or 5982445 or 6016362 or 6037932 or 6038573 or 6091407 or 6092122 or 6426778 or 5237648 or 5617146).pn.</p>																																																															
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>6.V</td><td>1</td><td>4538188</td><td>1985-08-27</td><td>Barker et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4685003</td><td>1987-08-04</td><td>Westland</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4746994</td><td>1988-05-24</td><td>Ettlinger</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5012334</td><td>1991-04-30</td><td>Etra</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5045940</td><td>1991-09-03</td><td>Peters et al.</td><td></td><td></td><td></td></tr><tr><td>6.V</td><td>6</td><td>5097351</td><td>1992-03-17</td><td>Kramer</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	6.V	1	4538188	1985-08-27	Barker et al.					2	4685003	1987-08-04	Westland					3	4746994	1988-05-24	Ettlinger					4	5012334	1991-04-30	Etra					5	5045940	1991-09-03	Peters et al.				6.V	6	5097351	1992-03-17	Kramer			
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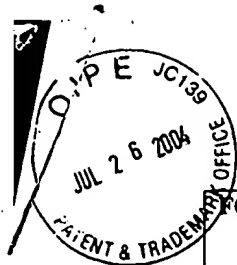
6.4	7	5196933	1993-03-23	Henot
/	8	5214528	1993-05-25	Akanabe et al.
	9	5267351	1993-11-30	Reber et al.
	10	5274758	1993-12-28	Beitel et al.
	11	5307456	1994-04-26	MacKay
	12	5317732	1994-05-31	Gerlach, Jr. et al.
	13	5390138	1995-02-14	Milne et al.
	14	5404316	1995-04-04	Klinger et al.
	15	5428731	1995-06-27	Powers III
	16	5442744	1995-08-15	Piech et al.
	17	5467288	1995-11-14	Fasciano et al.
	18	5488433	1996-01-30	Washino et al.
	19	5489947	1996-02-06	Cooper
	20	5493568	1996-02-20	Sampat et al.
	21	5513306	1996-04-30	Mills et al.
	22	5515490	1996-05-07	Buchanan et al.
	23	5534942	1996-07-09	Beyers Jr. et al.
	24	5537141	1996-07-16	Harper et al.
	25	5537157	1996-07-16	Washino et al.
	26	5539869	1996-07-23	Spoto et al.
	27	5541662	1996-07-30	Adams et al.
	28	5561457	1996-10-01	Cragun et al.
	29	5568275	1996-10-22	Norton et al.
	30	5584006	1996-12-10	Reber et al.
	31	5585858	1996-12-17	Harper et al.
	32	5592602	1997-01-17	Edmunds et al.
	33	5613057	1997-03-18	Caravel
	34	5619636	1997-04-08	Sweat et al.
	35	5623308	1997-04-22	Civanlar et al.
	36	5652714	1997-07-29	Peterson et al.
	37	5659790	1997-08-19	Kim et al.
	38	5659792	1997-08-19	Walmsley
	39	5664216	1997-09-02	Blumenau
	40	5680619	1997-10-21	Gudmundson et al.
	41	5682326	1997-10-28	Klingler et al.
6.4	42	5684963	1997-11-04	Clement



		5712953	1998-01-27	Langs
	44	5724605	1998-03-03	Wissner
	45	5752029	1998-05-12	Wissner
	46	5754851	1998-05-19	Wissner
	47	5760767	1998-06-02	Shore et al.
	48	5764275	1998-06-09	Lappington et al.
	49	5781435	1998-07-14	Holroyd et al.
	50	5801685	1998-09-01	Miller et al.
	51	5822019	1998-10-13	Takeuchi
	52	5826102	1998-10-20	Escobar et al.
	53	5861881	1999-01-19	Freeman et al.
	54	5892507	1999-04-06	Moorby et al.
	55	5907366	1999-05-25	Farmer et al.
	56	5910825	1999-06-08	Takeuchi
	57	5926613	1999-07-20	Schaffer
	58	5977962	1999-11-02	Chapman et al.
	59	5982445	1999-11-09	Eyer et al.
	60	6016362	2000-01-18	Kato et al.
	61	6037932	2000-03-14	Feinleib
	62	6038573	2000-03-14	Parks
	63	6091407	2000-07-18	Boetje et al.
	64	6092122	2000-07-18	Liu et al.
	65	6426778	2000-07-30	Valdez Jr.
	66	5237648	1993-08-17	Mills et al.
67	67	5617146	1997-04-01	Duffield et al.

Signature

Examiner Name	Date
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FORM PTO-SB/08/B LIST OF FOREIGN PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO: A2000003	SERIAL NO.: 09/539,749
	APPLICANT: Balkus <i>et al.</i>	
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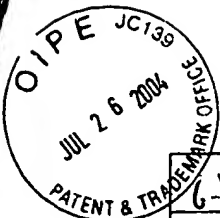
FOREIGN PATENT DOCUMENTS

	Country & Doc. No. (11)	Pub. Date (43)	Applicant (71)	Class	Sub Class	Translation	
						Yes	No
b.v.	EP0403118	12/1990					
	EP0469850	2/1992					
	EP0526064	2/1993					
	EP0564247	10/1993					
	EP0592250	4/1994					
	EP0596823	5/1994					
	EP0613145	8/1994					
	EP0689133	10/1995					
	EP0706124	4/1996					
	GB2336025	10/1999					
	WO88/07719	10/1988					
	WO93/21636	10/1993					
	WO94/03897	2/1994					
	WO94/29868	12/1994					
	WO96/31829	10/1996					
	WO96/36007	11/1996					
	WO 97/12342	4/1997					
	WO97/37497	10/1997					
	WO98/04984	2/1998					
	WO99/52045	10/1999					
b.v.	WO00/73875	12/2000					

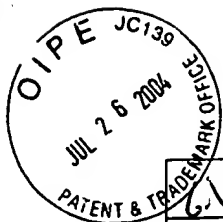
OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publications, Etc.)

b.v.	AAF Specification Version 1.0 DR4, 2000, pp. i-181.
	Ackermann, Phillipp, "Design and Implementation of an Object-oriented Media Composition Framework", Int'l. Computer Music Conference, 1994.
	Agnew, J.N. et al., "The Right Tool for the Job: A Quest for the Perfect Authoring Package", Proceedings of SIGDOC '92: 10 th Annual ACM Conference on Systems Documentation, Oct. 1992, Ottawa, Ontario, Canada, pp. 253-258.
	"Authorware Users Guide", Macromedia Inc., 1992, pp. 8-9, 12-13, 15, 17, 20, 25, 28-31, 36-37, 43, 46-47, 115, 178-179, 191, 232, 242, 301-302.
	Baecker, R. et al., "A Multimedia System for Authoring Motion Pictures", ACM Multimedia 1996, pp. 31-42.
	Blakowski, Gerold, et al., "Tools for Specifying and Executing Synchronized Multimedia Presentations", Proc. 2 nd Int'l. Workshop on OS for Digital Audio Video, Nov. 18-19, 1991, pp. 271-279.
	The Brughetti Corporation, Product Information for PURE Image Creator, SLICE Transition Maker and AIR Payout Manager, 1994, (11 pages).
b.v.	Buchanan, M. Cecelia, et al., "Automatic Temporal Layout Mechanisms", Proc. ACM Multimedia 1993, pp. 341-350.



6-V	Buchanan, M. Cecelia, et al., "Specifying Temporal Behavior in Hypermedia Documents", ECHT '92, pp. 262-271.
	Buford, John F., "Integrating Object-Oriented Scripting Languages with HyTime", from Proceedings of ICMCS 1994 IEEE, pp. 1-10.
	Bulterman, Dick C.A., et al., "Multimedia Authoring Tools: State of the Art and Research Challenges", LNCS 1000, 1995, pp. 1-17.
	Chiu, Patrick et al., "A Dynamic Grouping Technique for Ink and Audio Notes, USIT '98, San Francisco, CA, 1998 ACM, pp. 195-202.
	Chiueh, Tzi-cker, et al., "Zodiac: A History-Based Interactive Video Authoring System", ACM Multimedia '98, Bristol, UK, 1998 ACM, pp. 435-443.
	Chua, Tat-Seng, et al., "A Video Retrieval and Sequencing System", ACM Transactions on Information Systems, Vol. 13, No. 4, Oct. 1995, pp. 373-407.
	"The Coming Revolution", Communications of the ACM, July 1989, vol. 32, No. 7, pp. 794-901.
	Csinger, Andrew, et al., "AI Meets Authoring: User Models for Intelligent Multimedia, Artificial Intelligence Review, special issue on user modelling", 8, pp. 447-468, 1995.
	Drapeau, George D. et al., "MAestro-A Distributed Multimedia Authoring Environment", USENIX, Summer 1991, pp. 315-328.
	Drapeau, George D., "Synchronization in the MAestro Multimedia Authoring Environment", ACM Multimedia 1993, pp. 331-340.
	Davenport, Gloriana, et al., "Cinematic Primitives for Multimedia", 1991 IEEE, July 1991, pp. 67-74.
	The Electronic Scrapbook: Towards an Intelligent Home-Video Editing System, by Amy Susan Bruckman, Sept. 1991, Video Mosaic: Laying Out Time In a Physical Space.
	Eun, Seong Bae, et al., "Specification of Multimedia Composition and A Visual Programming Environment", Proceeding of the first ACM International Conference on Multimedia, pp. 167-173, 1993.
	Gephard, C., "DER WIDERSSENSTIGEN ZAHMUNG: COMPUTER & VIDEO RADIO FERNSEHEN ELECTRONIK, vol. 44, no. 1, 1 Jan. 1995, Berlin, DE
	Gibbs, Simon, "Composite Multimedia and Active Objects", in Proc. OOPSLA 1991, pp. 1-16.
	Gibbs, Simon, "Data Modeling of Time-Based Media", SIGMOD '94, 1994 ACM, pp. 91-102.
	Gibbs, Simon, "Video Nodes and Video Webs: Uses of Video in Hypermedia", Proc. ACM Conf. on Hypertext, 1992, p. 3.
	Girgensohn, Andreas, et al., "A Semi-automatic Approach to Home Video Editing", UIST '00, San Diego, CA, 2000 ACM, CHI Letters vol. 2, 2, pp. 81-89.
	Gruenette R., "Authorware and IconAuthor", CD-ROM Professional, vol. 8, No. 10, Oct. 1995, pp. 81-98.
	Hardman, H., "New Authoring Tools for Windows", BYTE, vol. 18, No. 9, Aug. 1993, pp. 153-156.
	Hardman, Lynda, et al., "Authoring Interactive Multimedia: Problems and Prospects", CWI Quarterly, vol. 7(1) 1994, pp. 47-66.
	Hardman, Lynda, et al., "Structured Multimedia Authoring", ACM Multimedia 1993, pp. 283-289.
	Herman, I., et al., "MADE: A Multimedia Application Development Environment", CWI Quarterly, vol. 7(1) 1994, pp. 27-46.
	Hirata, Kyoji, et al., "Content-Oriented Integration in Hypermedia Systems," Hypertext '86, 7 th ACM Conf. On Hypertext, Conf. 7, March 1996, pp. 11-21.
	Hirzalla, Nael, et al., "A temporal Model for Interactive Multimedia Scenarios", in IEEE Multimedia, vol. 2, No. 3, Fall 1995, pp. 24-31.
	Hudson, Scott E., et al., "The Walk-Through Approach To Authoring Multimedia Documents", Multimedia '94, 1994 ACM, pp. 173-180.
	Hung, Yung-Chen, "A Hypervideo System Generator", Software Practice and Experience, vol. 17(11), November 1997, pp. 1263-1281.
	Koegel, J.F., et al., "Improving Visual Programming Languages for Multimedia Authoring", Educational Multimedia and Hypermedia Annals, 1993, Proceedings of Ed-Media 93-World on Educational Multimedia And Hypermedia, June 1993, Orlando, FL, pp. 286-293.
	Kurlander, David, et al., "A Visual Language for Browsing, Undoing, and Redoing Graphical Interface Commands", in Visual Languages and Visual Programming, 1990, pp. 257-275.
6-V	Mackay, W.E., et al., "Video Mosaic: Laying Out Time In A Physical Space", Proceedings of Multimedia '94, San Francisco, CA, ACM, 8 pages.



6.V.	Mackay, W.E., et al., "Virtual Video Editing in Interactive Multimedia Applications", Communications Of the ACM, July 1989, vol. 32, No. 7, pp. 802-810.
	Macromind Mediamaker, Macromind Inc., 1990, pp. 129, 165 and 166.
	Matthews, James, et al., "VideoScheme: A Programmable Video Editing System for Automation and Media Recognition", ACM Multimedia 1993.
	Ohanian, Tom, "The Avid I Media Composer", International Broadcast Engineer, Jan. 1991, pp. 22-23.
	Open Media Framework, OMF Interchange Specification, Avid Technology, Inc., Version 2.0, Nov. 29, 1995, pp. i-245.
	Pazandak, Paul, et al., "A Multimedia Temporal Specification Model and Language", Technical Report 94-33, University of Minnesota, 1994.
	Ryan, Mark, et al., "A Development Process for Large Multimedia Titles", 1994 ACM, pp. 126-138.
	Sack, Warren et al., "IDIC: Assembling Video Sequences from Story Plans and Content Annotations", In: Proceedings of IEEE International Conf. on Multimedia Computing and Systems in Boston, MA, IEEE Computer Society Press, pp. 30-36, 1994.
	Schleicher, Stephen, "How To Create Web Markers in Premiere 6", Digital Video Editing, Digital Media Online, 2001.
	"Schneller Zugriff: Video Machine Von Fast", Radio Fernshen Elektronik, vol. 44, No. 11, Nov. 1, 1995, Berlin, DE.
	Siochi, A., et al., "The Integrator: A Prototype for Flexible Development of Interactive Digital Multimedia Applications", Interactive Multimedia, vol. 2, No. 3, 1993, pp. 5-26.
	Tonomura, Yoshinobu, "Video Handling Based on Structured Information for Hypermedia Systems", Proceedings of the Int'l Conference of Multimedia Information Systems, Jan. 1991, pp. 333-334.
	Ueda, Horotada, et al., "Automatic Scene Separation and Tree Structure GUI for Video Editing", ACM Multimedia 96, Boston, MA, 1996 ACM, pp. 405-406.
	Ueda, Hirotada et al., "Automatic Structure Visualization for Video Editing", Interchi '93, 1993 ACM, Apr. 24-29, 1993, pp. 137-141; 545-546.
	Ueda, Hirotada, et al., "Impact: An Interactive Natural-Motion-Picture Dedicated Multimedia Authoring System, 1991 ACM, pp. 343-350.
	Ueda, Hirotada, et al., "Impact: Interactive Motion Picture Authoring system for Creative Talent", 1993 ACM, p. 525.
	Wahl, Thomas, et al., "Representing Time in Multimedia Systems", Proc. IEEE Int'l Conf. on Multimedia, 1994, pp. 538-543.
	Van der Sluis, Ielka et al., "Enriching Textual Documents with Time-codes from Video Fragments", In: Proceedings RIAO 2000 Content-Based Multimedia Information Access, Paris, April 2000, pp. 431-440.
	Wahl, Thomas, et al., "Tiempo: Temporal Modeling and Authoring of Interactive Multimedia", Proc. Int'l Conf. of Multimedia, 1995, pp. 274-277.
6.V.	Weiss, Ron., et al., "Content-Based Access to Algebraic Video", Proceeding Int'l Conf. on Multimedia Computing and Systems, pp. 140-151, Boston, MA, May, 1994.

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER ART

[illegible]

3/2/07



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FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)	Applicant (71)	Class	Sub Class	Translation Yes No

OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publications, Etc.)

G.V.			Candan, K. Selcuk, et al., "CHIMP: A Framework for Supporting Distributed Multimedia Document Authoring and Presentation", ACM Multimedia 96, Boston, MA, pp. 329-340.
G.V.			Mines, Robert F. et al., "DAVE: A Plug and Play Model for Distributed Multimedia Application Development", ACM Multimedia 94, San Francisco, CA, pp. 59-66.
G.V.			Nicol, John R., et al., "How the Internet Helps Build Collaborative Multimedia Applications", Communications of the ACM, Jan. 1999, Vol. 42, No. 1, pp. 79-85.

3/2/07